User's Manual

HIR8BGTA

UNIVERSAL HEADREST WITH PRE-INSTALLED 8" (203mm) WIDESCREEN TFT VIDEO MONITOR
WITH BUILT-IN DVD PLAYER AND FEATURING USB PORT AND SD/MMC CARD PORT

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tech support: www.bossaudio.com/support

BOSS® AUDIO SYSTEMS

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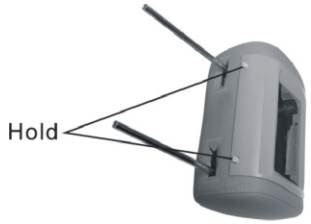
Technical Specifications

Panel	TFT LCD
Screen Size	8inches(16:9)
Pixel	800×3(RGB)×480
Temperature	Operation:14℉~122℉; Storage :-22℉~167℉
Black light	LED
Brightness	400cd/m^2
Color system	PAL/NTSC
Resolution	>500
S/N	>90dB
Isolation	>65dB
Audio input/Output	1.6V+20%
Video input /Output	1V p-p +20%
Power Supply	DC 12V
Power	<12w
Product Dimensions	11”×6”×14 3/4
Net Weight	3. 7 lsb

Note:
The design and specifications are subject to change without notice.

Leather replacement

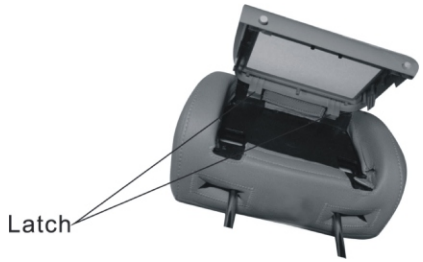
1.Push up the button, and unplug the screen enclosure.
2.Take apart the wires inside to remove the screen.



3.Remove the leather.

4.Replace the leather with the matching color cover.

5.Connected the cable, lock the monitor's buttons into position and push it in place to lock.



CONTENTS

1.Features 2
2.Front Panel Controls 3
3.Installation 4
4.Remote Control Operation 6
5.OSD Operation 7
7.Dise Compatibility 8
8.Handling Discs 9
9.Safety Precautions 9
10.Troubleshooting 10
11.Installation 11
12.Leather replacement 12
13.Technical Specifications 13

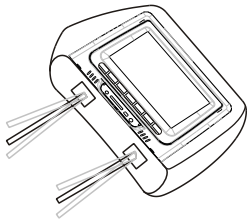
Features

- Built-in DVD Player compatible with DVD/VCD/MP3/MP4/CD-R/CD-RW
- LED backlit panels for exceptional picture quality, high efficiency and long life
- Cover colors easily interchangeable between black, grey and tan to match vehicle interior (all 3 colors included)
- Pole distance adjustable from 4"-7" apart for universal fit
- Free tilt mechanism allows for adjustment to optimal viewing angle
- Mini USB port and SD/MMC card slot for music, image and video files
- Automatically selects PAL/ NTSC system
- Front 3.5 mm jack for headphones
- 2 A/V inputs
  One 3.5 mm front input jack
  One wired RCA input
- 1 A/V RCA output
- Wireless remote control
- Built-in dual-channel speaker
- Built-in FM transmitter
- Built-in dual channel IR transmitter
  Ch A: 2.3MHz(left)-2.8MHz(right)
  Ch B: 3.2MHz(left)-3.8MHz(right)
- 8"(16:9) TFT LCD display
- Resolution: 800(H) X 3(RGB) X 480(W)
- Number of Pixels: 336,960
- Brightness: 400 cd/m^2
- Power supply: DC +12V (10.6V-15.8V) .
- Power consumption: 12W
- Operating temperature:-10ºC to +60ºC.
- Dimensions: 11" x 6" x 14 ¾"
- Weight: 3.7 lbs.

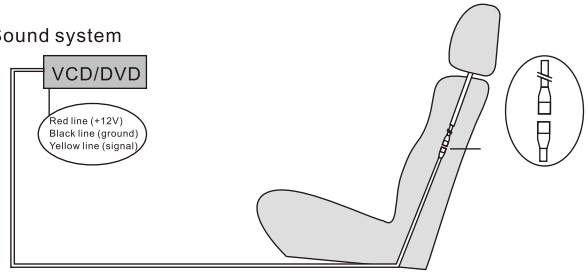
Installation

1. Remove the original pillow in the car.

2. Forward and back tilt angle adjustment



3.Wiring diagram

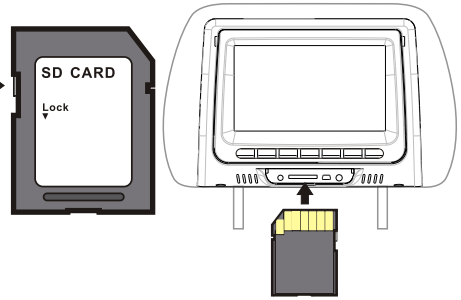


The circuit connection of the pillow monitor is very simple. As shown in Fig. Connect the +12V power of the sound system(red line to +,black line to ground),and then connect the video signals.

4. SD card using

Notice:

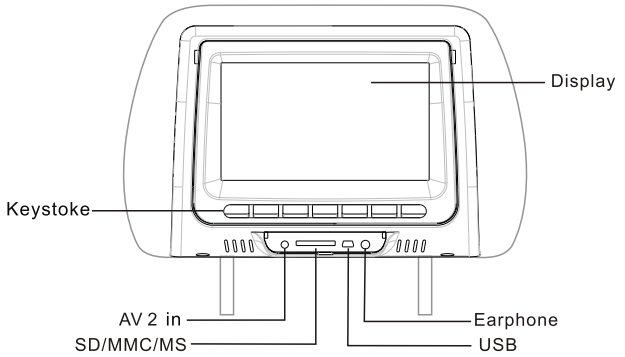
The SD Card lock must be in the UNLOCKED position to operate with this monitor.When SD card into the slot, the metal side should towards the top, insert the SD card slot level.

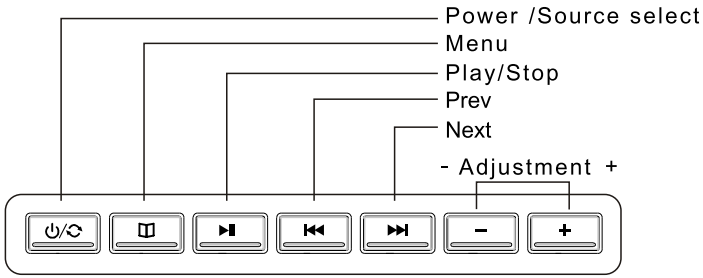


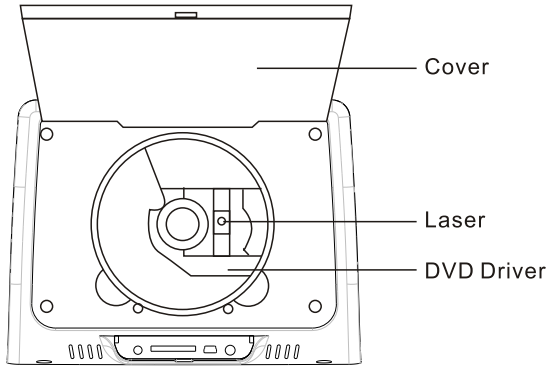
Troubleshooting

Fault	Reason	Resolution
No power	Yellow wire should be connected to 12v + source; red wire should be connected to the ACC; black wire should be connected to the ground	Connect power correctly
	Fuse burned out	Change fuse
	Power cable is disconnected	Connect power correctly
No picture	No AV input	Check Input video
	Video lines disconnected	Reconnect video lines
Remote does not work	Battery is blocked by protective paper	Remove paper
	Pointed in wrong direction	Point remote to remote sensor
	No power	Change batteries
Can't play Disc	Bad disc	Replace disc
Distortion	Disc loaded incorrectly	Re-insert disc
	Disc is dirty	Clean disc
	Fast forward/backward	This is normal

Front Panel Controls







Installation

First check fo make sure the appearance and installation specifications match with the subject vehicle. Before you begin, choose the right accessories and right tools.

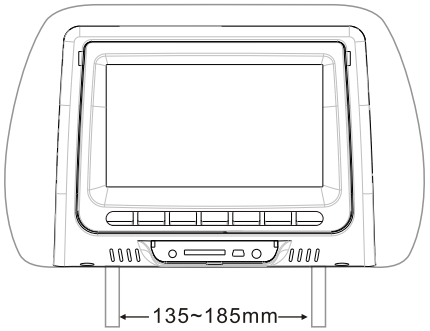
Installation steps:

Step 1. Remove original pillow

Step 2. Choose the correct installation steel tube size, to ensure proper fit.

Step 3. Connect the power cord and the Video cable.

Step 4. Properly position the pillow.



Note:

The appearance and installation specifications are not suited for all vehicles. Please choose the correct appearance and installation specifications.

Connecting Power Line	1
Plastic Casing	8
Remote controller	1
User's manual	1

Safety Precautions

- This device is designed to be operated with a DC 12V grounded system.
- Do not allow any foreign substance to get into the disc slot.
- The device may not work in high or low temperatures. Stop using the device until the temperature returns to a normal level. Operating temperature range: 14°F~122°F)

Cleaning

- When cleaning the device, do not make contact with water. The device may get damaged.
- Since chemical solvents may damage the surface of the unit, do not use them for cleaning.
- Use a clean and dry cloth to clean.

Condensation

- When turning the heater on in the car during a rainy or humid day, moisture may condense on the optical lens. If this occurs, the device may not read the disc and will not function properly. In such a case, it is advised to remove the disc from the device until the unit is dried.

Installation and Repairs

- Please install and operate the device as specified by this manual. If you cannot install the device correctly yourself, take it to an authorized dealer.
- Do not open the device by yourself for repairs. If the device does not work properly, take it to an authorized dealer. (If you disassemble the unit, you will void the warranty).

Video/Audio Trouble

- When driving on a rough road the unit is prone to severe shaking and may experience video/audio problems. This is inevitable.

Disc Compatibility

Disc type	DVD video	Video CD	Audio CD
Disc format	DVD	VCD	CD
Contents	Audio+ Video	Audio+ Video	Audio

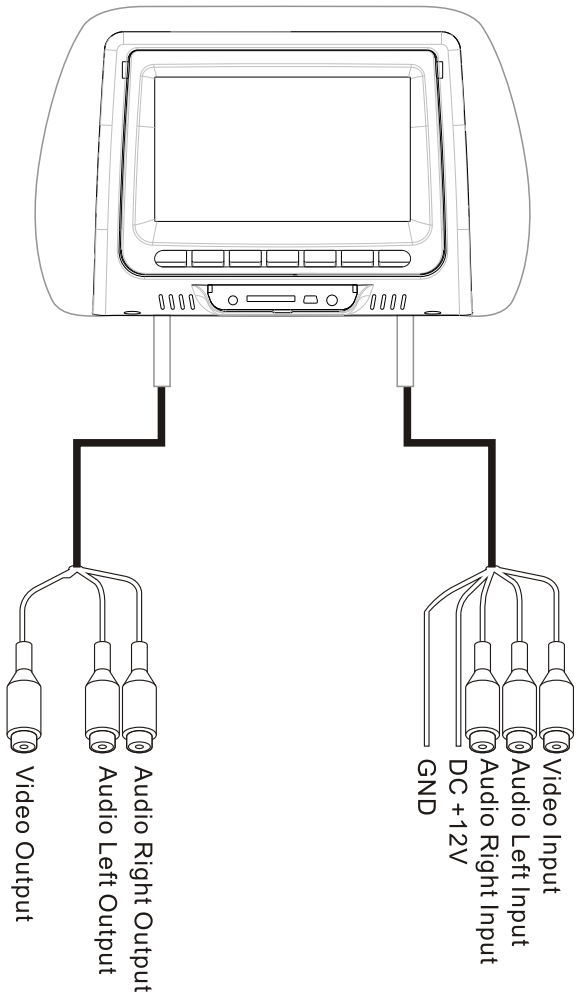
Disc type	Disc size	Maximum playing time
Disc type	5 inches (12cm)	Approx.133 minutes(SS/SL) Approx.242 minutes(SS/DL) Approx.266 minutes(DS/SL) Approx .484 minutes(DS/DL) *SS:Single Sided ,DS:Double Sided, SL:Single Layer ,DL :Dual Layer
Video CD	5 inches (12cm)	Approx.74 minutes
Audio CD	5 inches (12cm)	Approx.74 minutes
CD-ROM	5 inches (12cm)	Mp3 : music file WAV: music file MPG: motion picture file VOB: DVD file JPG: picture file

Handling Discs

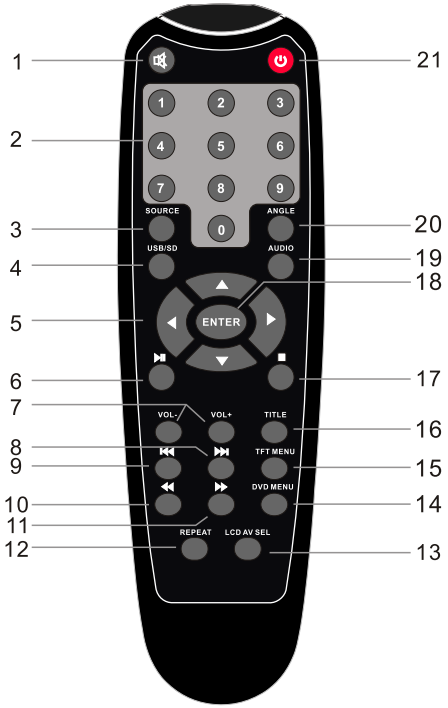
Dust particles, scratches or twisting may cause sound disruption, poor sound quality or poor screen image during play.

- Use a soft cloth to gently clean fingerprints and dust on the data surface (polished side) of the disc
- Never use anti-static spray or liquid, benzene, thinner or other chemical solvents to clean discs. Such chemical solvents may damage the plastic surface of the disc.
- After playing discs, you are advised to place them inside their original cases to prevent any damage to them.
- Do not expose discs to direct sunlight, high humidity or high temperatures for long periods of time. Discs may deform.
- Do not write on the disc's signal surface. A sharp pen or ink may cause damage to the surface of the disc.
- The sound quality may vary among discs depending on their recording methods.

The headrest DVD player has an AV input port and an output. The input port can connect with other sources such as GPS, TV Box, Game TV-Box etc. The AV output port can connect to other displays.



Remote Control Operation



1.Mute
2.Number selection
3.Source selection
4.USB/SD/DISC Selection
5. Direction Buttons
6.Play/Pause
7.Volume
8.9:Next/Previous
10.11:Fast Rewind/Forward
12.Repeat selection
13.LCD AV Select
14.DVD Menu
15.TFT Menu
16.Title Menu
17.Stop
18.Enter
19.Audio
20.Angle
21.Power

OSD Operation

1)Choose the LCD selection by pressing the "SOURCE" button on the remote control.
2)Pressing "TFT MENU" key to enter menu below .
3)Press[▲][▼] to select an item.
4)Press[◄][►] to adjust.
5)When the FM transmitter is turned on,there are 8 channels to choose from:87.7、88.1、88.5、88.9、106.7、107.1、107.5、107.9. Tune your radio to the corresponding frequency .